ASSOCIATE EDITORS FOR 1971

D. BELANGER, University of Montreal

D. BERLYNE, University of Toronto

P. C. Dodwell, Queen's University

P. H. R. JAMES, University of Manitoba

P. L. NEWBIGGING, McMaster University A. PAIVIO, University of Western Ontario

W. Runquist, University of Alberta

CONSULTING EDITORS FOR 1971

J. ADAM, University of Calgary

R. K. BANKS, University of Waterloo

T. BARBER, Medfield Foundation, Mass.

T. BARBER, Medfield Fundation, Mass.

A. K. BARTOSHUK, University of Western Ontario

W. F. BATTIC, University of Colorado

M. BAUM, Bishop's University

D. A. BERNSTEIN, University of Illinois

G. B. BIEDERMAN, University of of Toronto

T. M. BLOOMFIELD, York University

J. Boles, University of Western Ontario

A. S. BREGMAN, McGill University

G. E. Briggs, Ohio State University

C. J. BRIMER, Dalhousie University

K. M. BROOKSHIRE, Franklin & Marshall College

M. P. BRYDEN, University of Waterloo

V. B. CERVIN. University of Windsor

R. M. CHURCH, Brown University

A. E. CLARK, University of Saskatchewan

M. COLTHEART, University of Waterloo

R. M. COOPER, University of Calgary

M. C. CORBALLIS, McGill University

J. A. CORSON, McGill University

A. CORVIN, Dalhousie University

K. D. CRAIG, University of British Columbia

C. J. DARWIN, McGill University & Montreal Neurological Hospital

P. DENNY, University of Western Ontario

J. A. DEUTSCH, University of California, La Jolla

A. O. Dick, University of Rochester

B. K. DOANE, Dalhousie University

A. R. Dobbs, University of Alberta

D. DONDERI, McGill University

V. I. DOUGLAS, McGill University

P. J. DUNHAM, Dalhousie University

J. A. DYAL, University of Waterloo

B. EARHARD, Dalhousie University

M. EARHARD, Dalhousie University

R. G. EASON, University of North Carolina

R. EDELBERG, Rutgers Medical School

E. S. EDGINGTON, University of Calgary

G. R. ENGEL, University of Waterloo

R. L. ERICKSON, University of New Hampshire

H. R. FLOCK, York University

D. FISKE, University of Chicago

J. E. Foley, University of Toronto

N. FREEDMAN, Queen's University

J. FUREDY, University of Toronto

W. GADDES, University of Victoria

B. G. GALAF, McMaster University

R. C. GARDNER, University of Western

Ontario

J. J. Gibson, Cornell University

G. GODDARD, Dalhousie University

E. R. HARCUM, College of William and Mary

N. HENDERSON, Oberlin College

W. F. Hodges, University of Colorado

W. K. Honic, Dalhousie University

M. J. A. Howe, University of Alberta

K. Hughes, University of Manitoba

J. HUTTENLOCKER, Columbia University

R. ISAACSON, University of Florida

R. A. JONES, Seton Hall University

P. KAISER, York University

J. D. KEEHN, Addiction Research

Foundation, Toronto S. B. KENDALL, University of Western

Ontario

ASSOCIATE EDITORS FOR 1971

D. BELANGER, University of Montreal

D. BERLYNE, University of Toronto

P. C. Dodwell, Queen's University

P. H. R. JAMES, University of Manitoba

P. L. NEWBIGGING, McMaster University A. PAIVIO, University of Western Ontario

W. Runquist, University of Alberta

CONSULTING EDITORS FOR 1971

J. ADAM, University of Calgary

R. K. BANKS, University of Waterloo

T. BARBER, Medfield Foundation, Mass.

T. BARBER, Medfield Fundation, Mass.

A. K. BARTOSHUK, University of Western Ontario

W. F. BATTIC, University of Colorado

M. BAUM, Bishop's University

D. A. BERNSTEIN, University of Illinois

G. B. BIEDERMAN, University of of Toronto

T. M. BLOOMFIELD, York University

J. Boles, University of Western Ontario

A. S. BREGMAN, McGill University

G. E. Briggs, Ohio State University

C. J. BRIMER, Dalhousie University

K. M. BROOKSHIRE, Franklin & Marshall College

M. P. BRYDEN, University of Waterloo

V. B. CERVIN. University of Windsor

R. M. CHURCH, Brown University

A. E. CLARK, University of Saskatchewan

M. COLTHEART, University of Waterloo

R. M. COOPER, University of Calgary

M. C. CORBALLIS, McGill University

J. A. CORSON, McGill University

A. CORVIN, Dalhousie University

K. D. CRAIG, University of British Columbia

C. J. DARWIN, McGill University & Montreal Neurological Hospital

P. DENNY, University of Western Ontario

J. A. DEUTSCH, University of California, La Jolla

A. O. Dick, University of Rochester

B. K. DOANE, Dalhousie University

A. R. Dobbs, University of Alberta

D. DONDERI, McGill University

V. I. DOUGLAS, McGill University

P. J. DUNHAM, Dalhousie University

J. A. DYAL, University of Waterloo

B. EARHARD, Dalhousie University

M. EARHARD, Dalhousie University

R. G. EASON, University of North Carolina

R. EDELBERG, Rutgers Medical School

E. S. EDGINGTON, University of Calgary

G. R. ENGEL, University of Waterloo

R. L. ERICKSON, University of New Hampshire

H. R. FLOCK, York University

D. FISKE, University of Chicago

J. E. Foley, University of Toronto

N. FREEDMAN, Queen's University

J. FUREDY, University of Toronto

W. GADDES, University of Victoria

B. G. GALAF, McMaster University

R. C. GARDNER, University of Western

Ontario

J. J. Gibson, Cornell University

G. GODDARD, Dalhousie University

E. R. HARCUM, College of William and Mary

N. HENDERSON, Oberlin College

W. F. Hodges, University of Colorado

W. K. Honic, Dalhousie University

M. J. A. Howe, University of Alberta

K. Hughes, University of Manitoba

J. HUTTENLOCKER, Columbia University

R. ISAACSON, University of Florida

R. A. JONES, Seton Hall University

P. KAISER, York University

J. D. KEEHN, Addiction Research

Foundation, Toronto S. B. KENDALL, University of Western

Ontario

D. P. Kimble, University of Oregon

R. KNIGHTS, Carleton University

B. KOHN, York University

P. KOLERS, University of Toronto

A. KRISTOFFERSON, McMaster University

M. KRISTOFFERSON, McMaster University

C. LAY, York University

D. J. Lewis, University of Southern California, Los Angeles

H. LOBB, University of Western Ontario

R. S. Lockhart, University of Toronto J. Lubar, University of Tennessee

G. E. MACKINNON, University of Waterloo

N. J. MACKINTOSH, Dalhousie University

S. Madigan, University of Southern California

R. B. MALMO, McGill University

P. D. McCormack, Carleton University

P. McDonnell, University of New Brunswick

G. McMurray, Althouse College, London

G. A. McMurray, University of Saskatchewan

J. A. McNulty, Dalhousie University

R. MELZACK, McGill University

P. M. MERIKLE, University of Waterloo D. J. K. MEWHORT, Queen's University

W. Milgram, University of Toronto

S. L. MILSTEIN, University of Calgary

N. MORAY, University of Toronto

K. E. MOYER, Carnegie-Mellor University

H. Munsinger, UC San Diego, La Jolla B. B. Murdock, University of Toronto

H. G. Murray, University of Western Ontario

T. Nelson, University of Alberta

F. L. NEWMAN, New Mexico State University

J. Ocilvie, University of Toronto

J. B. Overmer, University of Minnesota

R. K. Penney, University of Waterloo

H. Pick, University of Minnesota

J. P. J. PINEL, University of British Columbia

M. I. Posner, University of Oregon E. C. Poulton, Applied Psychology

E. C. POULTON, Applied Psychology Research Unit, Cambridge, England

L. S. PRYTULAK, University of Western Ontario

J. RANSAY, McGill University

M. RASHOTTE, State University, Florida H. W. REESE, University of West Virginia

F. J. RESTLE, Indiana University L. ROBERTS, McMaster University

W. A. Roberts, University of Western Ontario

M. ROKEACH, University of Western Ontario

G. B. ROLLMAN, University of Western Ontario

R. ROSENTHAL, Harvard University

A. ROUTTENBERG, Northwestern University

T. J. RYAN, Carleton University

R. S. SAINSBURY, University of Calgary

I. G. SARASON, Cambridge, England R. SCHAUB, University of Calgary

D. P. SCHULTZ, North Carolina

S. I. Shapiro, University of Hawaii

L. S. Siegel, McMaster University

W. Siegel, University of Western Ontario

T. F. Siess, University of Western Ontario

H. M. SIMPSON, Carleton University N. SLAMECKA, University of Toronto

E. E. SMITH, Stanford University

G. K. SMITH, McMaster University

M. C. SMITH, University of Toronto

N. E. SPEAR, Rutgers University

O. Spreen, University of Victoria L. Standing, Bishop's University

J. STEWART, Sir George Williams University

R. STRETCH, University of Saskatchewan

M. D. Suboski, Queen's University
J. A. Swets, St B.B.N., Cambridge, Mass.

M. M. TAYLOR, Defense Research Establishment

R. G. TAYLOR, University of Colorado

R. C. Tees, University of British Columbia T. Tombaugh, Carleton University

H. C. TRIANDIS, University of Illinois at

Urbana-Champaign
B. J. Underwood, Northwestern
University

C. H. VANDERWOLF, University of Western Ontario

F. VAN FLEET, University of Western Ontario

N. VIDMAR, University of Western Ontario

W. P. WALLACE, University of Nevada

INDEX

G. WALLER, University of Waterloo

G. WALTERS, University of Toronto

J. M. WARREN, State College of Pennsylvania

R. M. WARREN, University of Wisconsin

N. C. WAUGH, Mass. General Hospital H. WEINBERG, Simon Fraser University

R. G. WEISMAN, Queen's University

M. R. WESTCOTT, York University

N. WHITE, McGill University

W. WICKELGREN, University of Oregon

D. D. WICKENS, Ohio State University

F. W. WICKER, University of Texas

G. WINOCUR, Trent University

R. Wong, University of British Columbia

D

Fre Fre Fre God Hall Jan Jan Ko

A. D. YARMEY, University of Guelph

J. C. YULLE, University of British Columbia

72 233RA A 30

CONTENTS OF VOLUME 25

Albert, D. J. See Ehman, G. K.	
BARKER, WILLIAM J. See YARMEY, A. DANIEL.	
BAUM, MORRIE, JAFFE, PETER C., & LECLERC, ROBERT. The effect of a loud buzzer upon the acquisition and extinction of a simple avoidance response	
in rats	24
BAUM, MORRIE, & MYRAN, DAVID D. Response prevention (flooding) in rats: The effects of restricting exploration during flooding and of massed vs	
distributed flooding	138
Berlyne, D. E., & Boudewijns, W. J. A. Hedonic effects of uniformity in variety	195
BIRKENMAYER, A. C. See MEWHORT, D. J. K.	
Black, H. A. See Marquis, H. A.	
BOUDEWIJNS, W. J. A. See BERLYNE, D. E.	
Bowers, Kenneth, S. Heart rate and GSR concomitants of vigilance and arousal	173
Brown, Larry T. See O'Donnell, Clifford R.	
BUTCHARD, N. See Pressey, A. W.	
COLTHEART, M. See MERIKLE, PHILIP M.	
COLTHEART, MAX. See MERIKLE, PHILIP M.	
CUDDY, LOLA L. Absolute judgment of musically-related pure tones	42
Delorme, André. La perception de la vitesse en éclairage intermittent	213
DELPRATO, DENNIS J. Aided recall and list-1 retention under conditions of	
retroactive interference	443
DEWAR, R. E. See THOMPSON, A. H.	
Dick, A. O. On the problem of selection in short-term visual (iconic) memory	250
Dodwell, P. C. See Niemi, R. Ronald.	
DOUGHERTY, W. G., JONES, G. B., & ENGEL, G. R. Sensory integration of auditory	450
and visual information	476
DUCHARME, RAYMOND. See ROBERT, MICHELE.	
DUFFY, THOMAS M. Mnemonics and intra-list interference in paired-associate	00
learning	33
Dumlao-Valisno, Mona. See Roberts, Dennis M.	
EHMAN, G. K., Albert, D. J., & Jamieson, J. L. Injections into the duodenum and the induction of satiety in the rat	147
Engel, G. R. See Dougherty, W. G.	7.21
Ernest, Carole H., & Paivio, Allan. Imagery and verbal associative latencies	
as a function of imagery ability	83
FENZ, WALTER D. See LAIRD, GEORGE S.	
Franken, R. E. See Thompson, A. H.	
Freibergs, Vaira. See Leclerc, Claude.	
FUREDY, JOHN J. Cross-modal differentiation under identical reinforcement schedules, and ucs-intensity effects in human classical eyelid conditioning	7
GOLDEN, SHEILA S. See LASS, NORMAN J.	
Hall, John F. Verbal learning, retention, and memory	412
JAFFE, PETER G. See BAUM, MORRIE.	
JAMIESON, J. L. See EHMAN, G. K.	
Jones, G. B. See Dougherty, W. G.	
KOEN FRANK Verbal mediators in cross-modal form discrimination	103

INDEX

T

TTTT

T

U

W

W

Zu

LAIRD, GEORGE S., & FENZ, WALTER D. Effects of respiration on heart rate in	
an aversive classical conditioning situation	395
LANGEVIN, R. Is curiosity a unitary construct?	360
LASS, NORMAN J., & GOLDEN, SHEILA S. The use of isolated vowels as auditory	
stimuli in eliciting the verbal transformation effect	349
LAUGHERY, KENNETH R. See WELTE, JOHN W.	
LECLERC, CLAUDE, & FREIBERGS, VAIRA. L'influence d'indices subliminaux	
perceptifs et symboliques sur la formation d'un concept	292
LECLERC, ROBERT. See BAUM, MORRIE.	
LIKELY, DAVID, LITTLE, LYDIA, & MACKINTOSH, N. J. Extinction as a function of	
magnitude and percentage of food or sucrose reward	130
LITNER, J., & SUBOSKI, M. D. Effects of shock intensity and food deprivation on	
one-trial discriminated avoidance	185
LITTLE, LYDIA. See LIKELY, DAVID.	
Lowe, Douglas G. See Merikle, Philip M.	
Lowe, D. G. See Merikle, P. M.	
McCloskey, J. L. See Tombaugh, Jo.	
MACKINNON, G. E. Steadily fixated figures and prolonged after-images: further	
evidence that fragmentation occurs non-randomly	384
MACKINTOSH, N. J. See LIKELY, DAVID.	001
MARQUIS, H. A., BLACK, M., RICHARDSON, B., TAIT, R. W., WILLIAMS, R., &	
Suboski, M. D. Shock intensity and the Kamin effect in one- and two-	
way avoidance	241
MERIKLE, PHILIP M., LOWE, DOUGLAS G., & COLTHEART, MAX. Familiarity and	~ ***
method of report as determinants of tachistoscopic performance	167
MERIKLE, P. M., COLTHEART, M., & Lowe, D. G. On the selective effects of a	101
patterned masking stimulus	264
MEWHORT, D. J. K., THIO, HARRIET, & BIRKENMAYER, A. C. Processing capacity	202
and switching attention in dichotic listening	111
Milstein, S. L., & Zubek, J. P. Temporal changes in cutaneous sensitivity	111
during prolonged visual deprivation	336
Myran, David D. See Baum, Morrie,	000
NIEMI, R. R. See RUNDLE, G. P. NIEMI, R. RONALD, & DODWELL, P. C. The salience of two cues for pattern	
	375
recognition in the rat	313
O'Donnell, Clifford R., & Brown, Larry T. Post-decision changes in time	1
spent viewing chosen and rejected alternatives	1
PAGE, STEWART. Social interaction and experimenter effects in the verbal con-	463
ditioning experiment	400
PAIVIO, ALLAN. See ERNEST, CAROLE H.	
PAIVIO, ALLAN, & ROWE, EDWARD J. Intrapair imagery effects in verbal dis-	200
crimination and incidental associative learning	302
PRESSEY, A. W., BUTCHARD, N., & SCRIVNER, L. Assimilation theory and the	400
Ponzo illusion: quantitative predictions	486
Quinsey, Vernon L. Conditioned suppression with no cs-us contingency in the	00
rat	69
RICHARDSON, B. See MARQUIS, H. A.	
ROBERT, MICHELE, & DUCHARME, RAYMOND. Vicarious learning as a function of	
five increasing levels observed in a model	450

RUNDLE, C	. P.,	NIEMI,	R.	R., &	THOMPSON,	W. R.	Sensory	preconditioning	
effe	cts in	young	and	adult	rats		*************		323
Rowe, Edv	VARD]	. See	PAR	710, AL	LAN.				

Scrivner, L. See Pressey, A. W.	
SIMON, EILEEN. See TAIT, ROBERT W.	
SNEDDEN, DONALD S., SPEVACK, A. A., & THOMPSON, W. R. Conditioned and	
100 1 0 0 0 0 0 0	0.1

uncondit	ioned suppression as a function of age in rats	313
SPEVACK, A. A.	See Snedden, Donald S.	
C Torms	Once Gold behavior to four takend mouse strains	00

STRENG, JOHN.	Open-field behavior in four inbred mouse strains	62
SUBOSKI, M. D.	See Litner, J.	

SUBOSKI, M. D.	See Litner, J.	
SUBOSKI, M. D.	See Marquis, H. A.	
SUBOSKI, MILTON	N D. See TAIT, ROBERT W.	

TAIT,	R. W.	See !	MARQUIS,	H. A.							
TAIT,	ROBERT	. W.	, SIMON,	EILEEN,	&	SUBOSKI,	MILTON	D.	"Partial	reinforce-	
	ment"	in se	ensory pro	econditio	nir	g with ra	ts				49

ment in	sensory preconditioning with rats	22
TAYLOR, INSUP.	How are words from two languages organized in bilinguals'	
memory?		2.2
THIO HARRIET.	See MEWHORT D. I. K.	

memory:		220
THIO, HARRIET. S	ee Mewhort, D. J. K.	
THOMPSON, W. R.	See SNEDDEN, DONALD S.	
THOMPSON W B	See Brigging & C. D.	

Inomiroon, II. II.	be mondie, o. I.			
TOMBAUGH, JO, McC	LOSKEY, J. L., &	TOMBAUGH, TOM N.	Delayed partial re-	
inforcement as	an analogue of	partial reinforcement		419
TOMBAUGH, TOM N.	See TOMBAUGH,	Jo.		

TOMBAUGH, TOM IV. See TOMBAUGH, JO.	
THOMPSON, A. H., DEWAR, R. E., & FRANKEN, R. E. A test of the set disruption	
interpretation of perceptual defense	22
Une Com Con Vinner A Divers	

interpretation of perceptual defense	22
Ure, Gail. See Yarmey, A. Daniel.	
Welte, John W., & Laughery, Kenneth R. Short-term memory: the effects	
of inter-item distribution and recall procedure	43
White, Murray J. Visual hemifield differences in the perception of letters and	

contour	orientation	20
WILLIAMS, R.	See Marquis, H. A.	

YARMEY, A. DANIEL, & URE, GAIL. Incidental learning, noun imagery-con-	
creteness and direction of associations in paired-associate learning	91
TIMES I D See Mit crem S I	